



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 114209

TO: Cybille Delacroix

Location: REM-4C70

Art Unit: 1614

February 18, 2004

UCB

Case Serial Number: 09/700165

From: P. Sheppard

Location: Remsen Building

Phone: (571) 272-2529

sheppard@uspto.gov

Search Notes

114209
SEARCH REQUEST FORM

Requestor's Name: Delaurry Serial Number: 09/700,165
 Date: 2-11-04 Phone: 272-0572 Art Unit: 1614

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

Please search the method of claim 1, specifically searching the compound of formula (I) in a use for treating sexual dysfunction.
sexual dysfunction → in men & women
sexual dysfunction → erectile dysfunction,
impotence, reduced libido, anorgasm,
vaginismus, dyspareunia (occurrence of pain during sexual intercourse)

Thanks

CMM

Key substituents
in formula (I)
are highlighted.

Compound is a bombesin receptor antagonist.

STAFF USE ONLY

Date completed: 2/18/04
 Searcher: Sheppard
 Terminal time: _____
 Elapsed time: _____
 CPU time: _____
 Total time: _____
 Number of Searches: _____
 Number of Databases: _____

Search Site

_____ STIC
 _____ CM-1
 _____ Pre-S

Type of Search

_____ N.A. Sequence
 _____ A.A. Sequence
 _____ Structure
 _____ Bibliographic

Vendors

_____ IG Suite
 _____ STN
 _____ Dialog
 _____ APS
 _____ Geninfo
 _____ SDC
 _____ DARC/Questel
 _____ Other

=> FIL HCAPLUS
 FILE 'HCAPLUS' ENTERED AT 14:46:40 ON 18 FEB 2004
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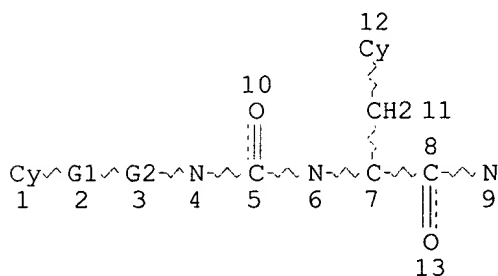
FILE COVERS 1907 - 18 Feb 2004 VOL 140 ISS 8
 FILE LAST UPDATED: 17 Feb 2004 (20040217/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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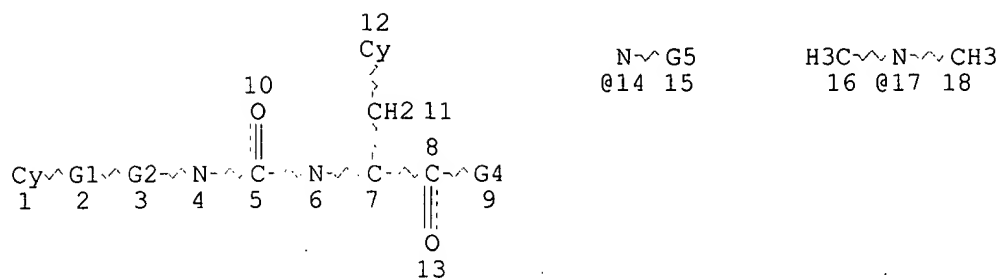
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REP G1=(0-1) C
 REP G2=(0-1) CH2
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 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
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 NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE
 L5 1659 SEA FILE=REGISTRY SSS FUL L3
 L6 STR



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 REP G3=(0-3) CH2
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 VAR G6=CH/28
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 DEFAULT ECLEVEL IS LIMITED

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 NUMBER OF NODES IS 29

STEREO ATTRIBUTES: NONE

L8 731 SEA FILE=REGISTRY SUB=L5 SSS FUL L6
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 L11 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L9 AND (?SEXU? OR SEX? OR
 ?DYSFUN? OR ?ERECT? OR ?IMPOTEN? OR ?LIBIDO? OR ?ORGASM? OR
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=>
 =>

=> D IBIB ABS HITRN L11 1-4

L11 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2003:58220 HCAPLUS
 DOCUMENT NUMBER: 138:117676
 TITLE: Linear and cyclic melanocortin receptor-specific
 peptides, and therapeutic use
 INVENTOR(S): Sharma, Shubh D.; Shadiack, Annette M.; Yang, Wei;
 Rajpurohit, Ramesh
 PATENT ASSIGNEE(S): Palatin Technologies, Inc., USA
 SOURCE: PCT Int. Appl., 55 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003006620	A2	20030123	WO 2002-US22196	20020711

WO 2003006620 A3 20031127

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
 RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
 UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-304836P P 20010711

OTHER SOURCE(S): MARPAT 138:117676

AB Linear and cyclic peptides are provided which are specific to melanocortin
 receptors and which exhibit agonist, antagonist, or mixed
 agonist-antagonist activity. The peptides of the invention may be used to
 treat e.g. **erectile dysfunction** and eating disorders.

IT 488790-76-7

RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic
 use); BIOL (Biological study); USES (Uses)
 (linear and cyclic melanocortin receptor-specific peptides, and
 therapeutic use)

L11 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:869567 HCAPLUS

DOCUMENT NUMBER: 137:370356

TITLE: Preparation and use of bombesin receptor antagonists
 for treatment of **sexual dysfunction**
 in males and females

INVENTOR(S): Gonzalez, Maria Isabel; Higginbottom, Michael; Stock,
 Herman Thijs; Pritchard, Martyn Clive; Pinnock, Robert
 Denham; Van der Graaf, Pieter Hadewijn; Naylor,
 Alisdair Mark; Wayman, Christopher Peter

PATENT ASSIGNEE(S): UK

SOURCE: U.S. Pat. Appl. Publ., 105 pp., Cont.-in-part of U.S.
 Pat. Appl. 2002 58,606.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

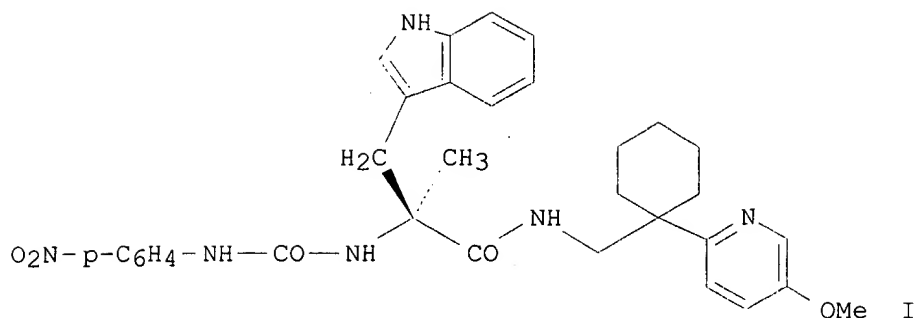
FAMILY ACC. NUM. COUNT: 10

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002169101	A1	20021114	US 2001-999284	20011115
US 2002058606	A1	20020516	US 2001-759777	20010112
PRIORITY APPLN. INFO.:			US 1999-133355P	P 19990510
			WO 2000-GB1787	W 20000510
			US 2000-700165	A2 20001109
			US 2001-759777	A2 20010112
			GB 2001-9910	A 20010423
			GB 2001-11037	A 20010504

OTHER SOURCE(S): MARPAT 137:370356

GI



AB Bombesin receptor antagonists have been found to be useful in the treatment of **sexual dysfunction** in both males and females. They may be selective BB1 antagonists or mixed BB1/BB2 antagonists. Combinations are disclosed of bombesin receptor antagonists with a range of other active compds., for example PDE5 inhibitors, NEP inhibitors and lasofoxifene. Prepn. of bombesin receptor antagonists consisting of .alpha.-Me tryptophane (e.g., I) or .alpha.-methylphenylalanine derivs. was given. In tests on **sexually-dysfunctional** male rats, it was concluded that I had a stimulatory effect, at the level of **sexual** desire, performance, and **anorgasmy**. In tests on **sexually-dysfunctional** female rats, it was concluded that I had a stimulatory effect on proceptivity, which was unaffected by repeated administration.

IT 428864-42-0

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(prepn. of as bombesin receptor antagonists for treatment of **sexual dysfunction**)

L11 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:391522 HCAPLUS

DOCUMENT NUMBER: 136:395983

TITLE: Bombesin receptor antagonists, and combinations with other agents, for the treatment of **sexual dysfunction**

INVENTOR(S): Gonzalez, Maria Isabel; Stock, Herman Thijs; Pinnock, Robert Denham; Pritchard, Martyn Clive; Wayman, Christopher Peter; Van der Graaf, Pieter Hadewijn; Naylor, Alisdair Mark; Higginbottom, Michael

PATENT ASSIGNEE(S): Warner-Lambert Company, USA

SOURCE: PCT Int. Appl., 225 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 10

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002040008	A2	20020523	WO 2001-GB5018	20011114
WO 2002040008	A3	20020822		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,

BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 WO 2002040022 A1 20020523 WO 2000-GB4380 20001117
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
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 AU 2002023802 A5 20020527 AU 2002-23802 20011114
 EP 1333824 A2 20030813 EP 2001-994552 20011114
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 BR 2001015364 A 20030923 BR 2001-15364 20011114
 PRIORITY APPLN. INFO.: WO 2000-GB4380 W 20001117
 GB 2001-9910 A 20010423
 GB 2001-11037 A 20010504
 WO 2001-GB5018 W 20011114

OTHER SOURCE(S): MARPAT 136:395983

AB Bombesin receptor antagonists have been found to be useful in the treatment of **sexual dysfunction** in both males and females. They may be selective BB1 antagonists or mixed BB1/BB2 antagonists. Combinations are disclosed of bombesin receptor antagonists with a range of other active compds., for example phosphodiesterase V inhibitors, neutral endopeptidase inhibitors, and lasofoxifene. Prepn. of compds. of the invention is described.

IT **428864-42-0**

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (bombesin receptor antagonists, and combinations with other agents, for treatment of **sexual dysfunction**)

L11 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1995:812789 HCAPLUS
 DOCUMENT NUMBER: 123:228906
 TITLE: Preparation of N-terminus modified analogs of luteinizing hormone-releasing hormone (LHRH)
 INVENTOR(S): Haviv, Fortuna; Fitzpatrick, Timothy D.; Swenson, Rolf E.; Nichols, Charles J.; Mort, Nicholas A.
 PATENT ASSIGNEE(S): Abbott Laboratories, USA
 SOURCE: PCT Int. Appl., 42 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9504540	A1	19950216	WO 1994-US8577	19940729
W: CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5413990	A	19950509	US 1993-103022	19930806
PRIORITY APPLN. INFO.:			US 1993-103022	19930806
OTHER SOURCE(S): MARPAT 123:228906				

AB N-acyldecapeptides X-A-B-C-D-E-F-G-H-I-J [I; X = acyl; A = D-Phe, D-4-ClPhe, D-4-FPhe, D-3-(quinolin-3-yl)alanine, Sar, Gly, etc.; B = D-4-ClPhe, D-3,3-diphenylalanine, D-4-FPhe, D-3-(naphth-2-yl)alanine, D-Phe, D-3-(quinolin-3-yl)alanine; C = D-Ala, D-3-(benzo[b]thien-2-yl)alanine, Gly, D-3-(naphth-2-yl)alanine, D-3-(pyrid-3-yl)alanine, D-3-(quinolin-3-yl)alanine, D-3-(thiazol-2-yl)alanine; D = Gly, Ser,

homo-Ser, Ser(CH₂Ph), N.alpha.-C1-4 alkylserine; E = N.alpha.-R-3-R2-Ala, N.alpha.-R-3-R3-Lys, N.alpha.-R-Tyr, N.alpha.-R-Tyr(Me), N.alpha.-R-Phe, N.alpha.-cyclohexylalanine, N.alpha.-R-Gly, N.alpha.-R-Arg, N.alpha.-R1-His or -homo-His; wherein R = H, C1-4 alkyl; R2 = 4-(3-amino-1,2,4-triazol-5-yl)aminophenyl, 4-[(3-amino-1,2,4-triazol-5-yl)amino]methyl]phenyl, 4-(nicotinylamino)cyclohexyl, 4-nitrophenyl, 4-aminophenyl, etc.; R3 = N.epsilon.-nicotinyl or 3-amino-1,2,4-triazol-5-yl; F = Gly, .beta.-alanine, D-citrulline, D-homo-citrulline, etc.; G = N.alpha.-R4-Leu, Gly, Sar, Pro, Val, N.alpha.-R4-L-cyclohexylalanine; R4 = H, C1-6 alkyl; H = L-citrulline, L-homo-citrulline, His, Lys(iso-Pr), N.alpha.-R4-Arg (wherein = same as above), homo-Arg, etc.; I = Pro, 4-hydroxy-L-proline, L-pipecoline, L-azetidine, N.alpha.-R4-Leu (wherein R4 = same as above), Sar, Gly, N.alpha.-R4-Ala, etc.; J = NH₂, N.alpha.-R4-D- or -L-Ala-NH₂ (R4 = same as above), D-Ala-OH, D- or L-Glu, Sar-NH₂, D-Ser-NH₂, azaglycine, Gly-NH₂] are prepd. These peptides I are potent antagonists of LHRH and are useful for suppressing the levels of **sex** hormones in mammals. Thus, CHO-D-2Nal-D-4-ClPhe-D-3Pal-Ser-MeTyr-D-Lys(Nic)-Leu-Lys(iso-Pr)-Pro-D-Ala-NH₂ [2Nal = 3-(naphth-2-yl)alanine; 4-ClPhe = 3-(4-chlorophenyl)alanine, 3Pal = 3-(pyrid-3-yl)alanine, Nic = nicotinyl] was prepd. by a Milligen-Bioscience 9,500 peptide synthesizer, involving sequential coupling of N-Boc-protected amino acids Boc-Pro-OH, Boc-Lys(Cbz,iso-Pr)-OH, Boc-Leu-OH, Boc-D-Lys(Nic)-OH, Boc-MeTyr(2,6-diCl-Bzl)-OH, Boc-Ser(Bzl)-OH, Boc-D-3Pal-OH, Boc-D-4ClPhe-OH, Boc-D-2Nal-OH and formic acid on a D-Ala-NH-resin (4-methylbenzhydrylamine resin). A total of 27 I were prepd. and in vitro showed pA₂ values 8.8-11.46 in a test for LHRH antagonist potency, wherein the value of pA₂ is the neg. logarithm of the concn. of the particular antagonist test compd. required to shift the response curve produced by the agonist leuprolide to two-fold higher concn. and typically pA₂ values of .gtoreq.9.5 are indicative of good LHRH antagonist activity, with values of .gtoreq.10.0 being preferred. MeCH₂CO-D-2Nal-D-4ClPhe-D-3Pal-Ser-MeTyr-D-Cit-Leu-Arg-Pro-D-Ala-NH₂ (Cit = citrulline) showed the highest pA₂ value (11.46).

IT 168158-00-7P 168158-04-1P 168158-06-3P

168158-08-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of decapeptides as LH-releasing hormone (LHRH) antagonists)

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=> SELECT HIT RN L11 1-4
E541 THROUGH E546 ASSIGNED

=> FIL REG

FILE 'REGISTRY' ENTERED AT 14:47:04 ON 18 FEB 2004
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STRUCTURE FILE UPDATES: 17 FEB 2004 HIGHEST RN 651291-85-9
DICTIONARY FILE UPDATES: 17 FEB 2004 HIGHEST RN 651291-85-9

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Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

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=> D HIS L12

(FILE 'HCAPLUS' ENTERED AT 14:44:08 ON 18 FEB 2004)

FILE 'HCAPLUS' ENTERED AT 14:46:40 ON 18 FEB 2004

SELECT HIT RN L11 1-4

FILE 'REGISTRY' ENTERED AT 14:47:04 ON 18 FEB 2004

L12 6 S E541-E546

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=> D IDE CAN L12 1-6

L12 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2004 ACS on STN

RN **488790-76-7** REGISTRY

CN L-Tryptophanamide, 4-chloro-N-[(2-phenylethyl)amino]carbonyl]-D-phenylalanyl-L-arginyl- (9CI) (CA INDEX NAME)

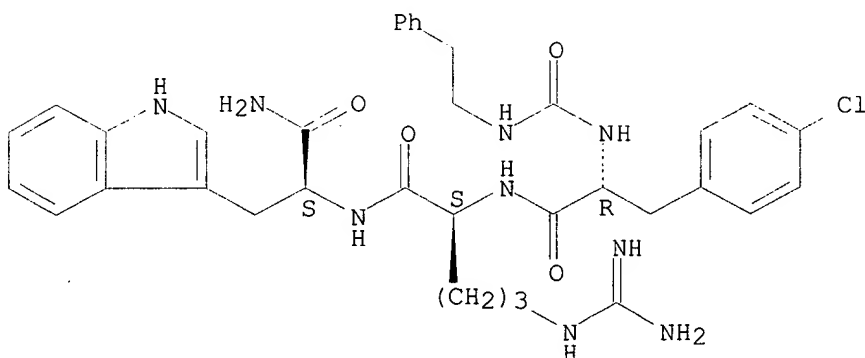
FS STEREOSEARCH

MF C35 H42 Cl N9 O4

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

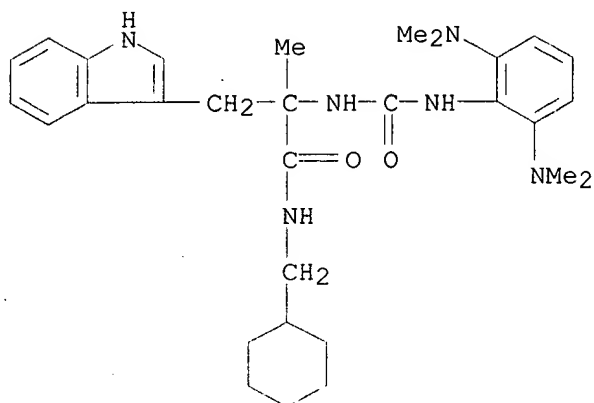
REFERENCE 1: 138:117676

L12 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2004 ACS on STN

RN **428864-42-0** REGISTRY

CN 1H-Indole-3-propanamide, .alpha.-[[[2,6-bis(dimethylamino)phenyl]amino]ca

rbonyl]amino]-N-(cyclohexylmethyl)-.alpha.-methyl- (9CI) (CA INDEX NAME)
 MF C30 H42 N6 O2
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

L12 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2004 ACS on STN

RN **168158-08-5** REGISTRY

CN D-Alaninamide, 3-(2-naphthalenyl)-N-[[[2-(2-pyridinyl)ethyl]amino]carbonyl]-D-alanyl-4-chloro-D-phenylalanyl-3-(3-pyridinyl)-D-alanyl-L-seryl-N-methyl-L-tyrosyl-N5-(aminocarbonyl)-D-ornithyl-L-leucyl-L-arginyl-L-prolyl-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C77 H100 Cl N19 O14 . x C2 H F3 O2

SR CA

LC STN Files: CA, CAPLUS

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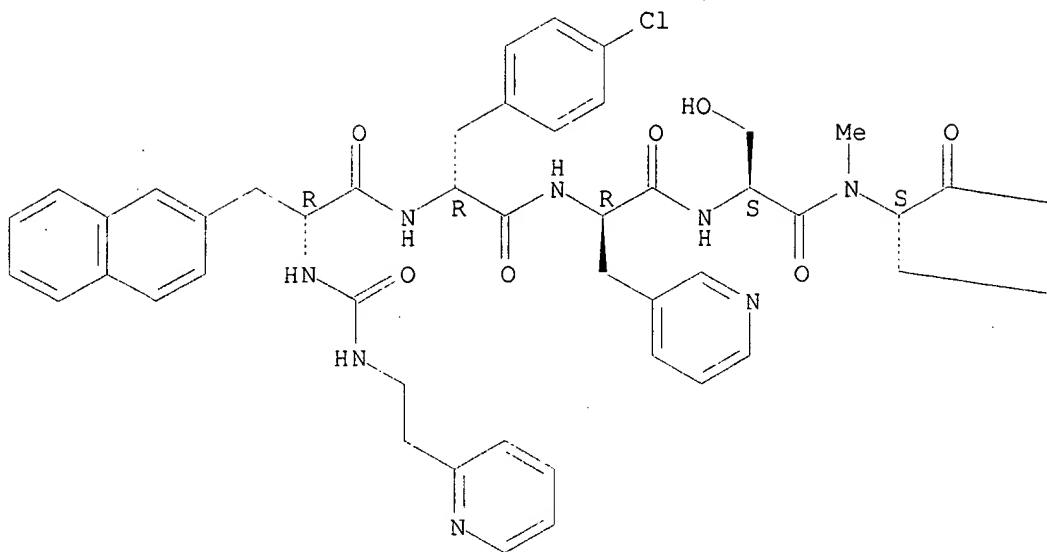
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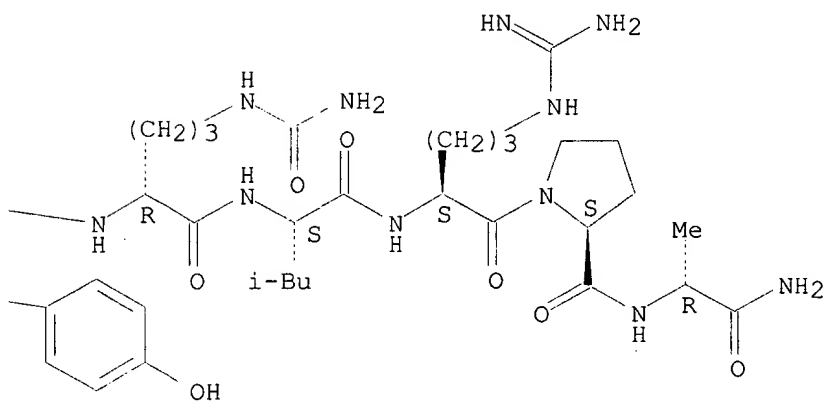
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

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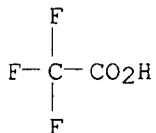
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 123:228906

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L12 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2004 ACS on STN
RN 168158-06-3 REGISTRY
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alanyl-4-chloro-D-phenylalanyl-3-(3-pyridinyl)-D-alanyl-L-seryl-N-methyl-L-
tyrosyl-N5-(aminocarbonyl)-D-ornithyl-L-leucyl-L-arginyl-L-prolyl-,
trifluoroacetate (salt) (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C76 H98 Cl N19 O14 . x C2 H F3 O2
SR CA
LC STN Files: CA, CAPLUS
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RELATED SEQUENCES AVAILABLE WITH SEQLINK

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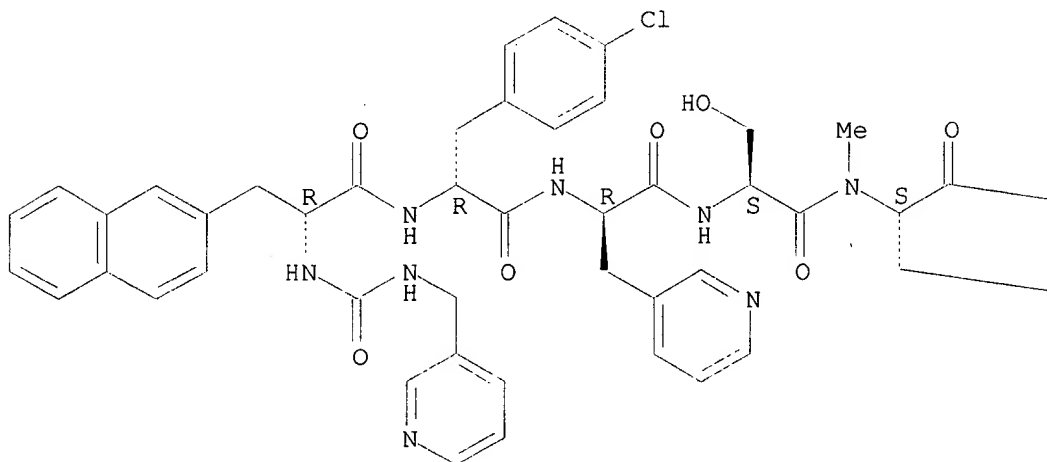
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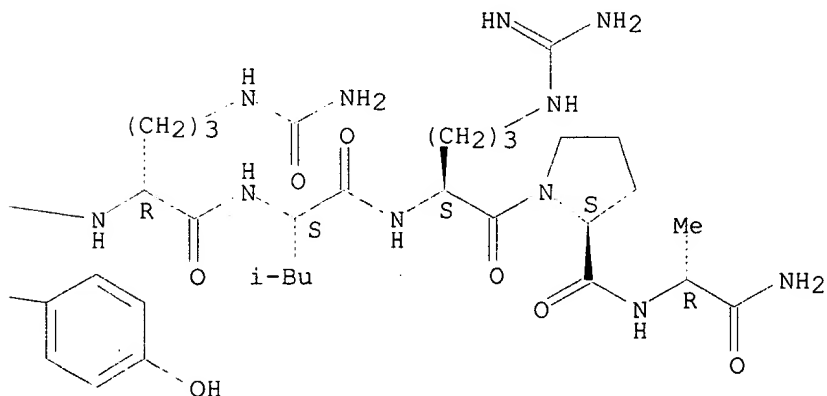
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



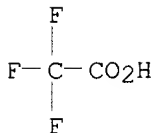
PAGE 1-B



CM 2

CRN 76-05-1

CMF C2 H F3 O2



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 123:228906

L12 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2004 ACS on STN

RN **168158-04-1** REGISTRY

CA D-Alaninamide, 3-(2-naphthalenyl)-N-[[[(2-pyridinylmethyl)amino]carbonyl]-D-alanyl-4-chloro-D-phenylalanyl-3-(3-pyridinyl)-D-alanyl-L-seryl-N-methyl-L-tyrosyl-N5-(aminocarbonyl)-D-ornithyl-L-leucyl-L-arginyl-L-prolyl-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C76 H98 Cl N19 O14 . x C2 H F3 O2

SR CA

LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

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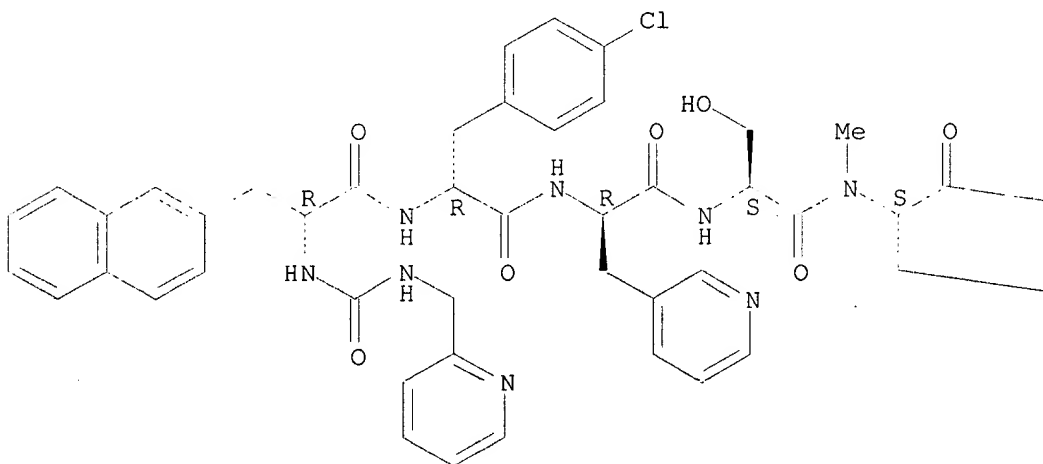
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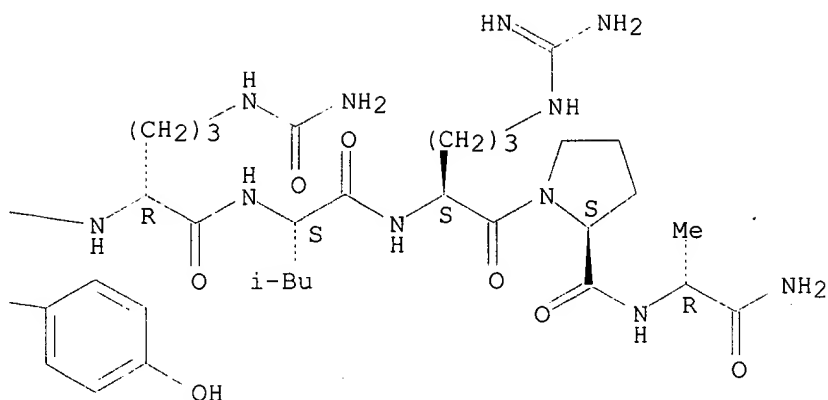
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Absolute stereochemistry.

PAGE 1-A



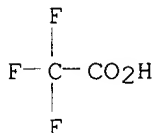
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 123:228906

L12 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2004 ACS on STN

RN **168158-00-7** REGISTRY

CN D-Alaninamide, N-[[[2-(4-morpholinyl)ethyl]amino]carbonyl]-3-(2-naphthalenyl)-D-alanyl-4-chloro-D-phenylalanyl-3-(3-pyridinyl)-D-alanyl-L-seryl-N-methyl-L-tyrosyl-N5-(aminocarbonyl)-D-ornithyl-L-leucyl-L-arginyl-L-prolyl-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

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SR CA

LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

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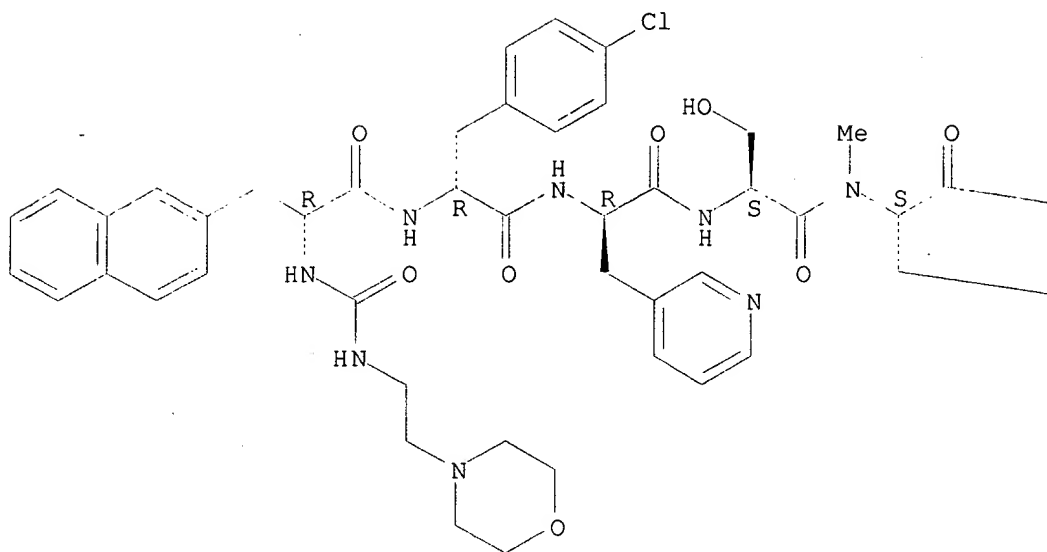
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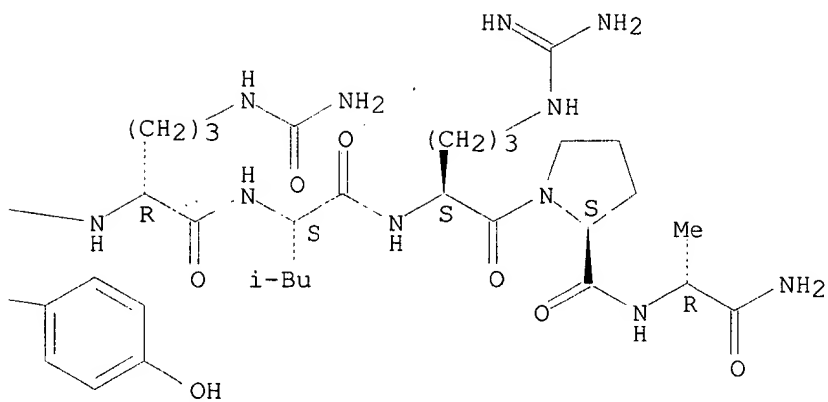
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A

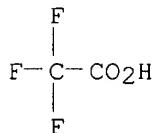


PAGE 1-B



CM 2

CRN 76-05-1
CMF C2 H F3 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 123:228906

"
delacroix 09_700165

=> FIL HCAPLUS

FILE 'HCAPLUS' ENTERED AT 15:18:29 ON 18 FEB 2004

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FILE COVERS 1907 - 18 Feb 2004 VOL 140 ISS 8

FILE LAST UPDATED: 17 Feb 2004 (20040217/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> D STAT QUE L38 NOS

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L6 STR

L8 731 SEA FILE=REGISTRY SUB=L5 SSS FUL L6

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L11 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L9 AND (?SEXU? OR SEX? OR ?DYSFUN? OR ?ERECT? OR ?IMPOTEN? OR ?LIBIDO? OR ?ORGASM? OR ?VAGIN? OR ?DYSPAR?)

L35 928 SEA FILE=REGISTRY ABB=ON PLU=ON L5 NOT L8

L36 118 SEA FILE=HCAPLUS ABB=ON PLU=ON L35

L37 5 SEA FILE=HCAPLUS ABB=ON PLU=ON L36 AND (?SEXU? OR SEX? OR ?DYSFUN? OR ?ERECT? OR ?IMPOTEN? OR ?LIBIDO? OR ?ORGASM? OR ?VAGIN? OR ?DYSPAR?)

L38 3 SEA FILE=HCAPLUS ABB=ON PLU=ON L37 NOT L11

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=> D IBIB ABS HITRN L38 1-3

L38 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:391535 HCAPLUS

DOCUMENT NUMBER: 136:380143

TITLE: Treatment of **sexual dysfunction**
using bombesin antagonist

INVENTOR(S): Gonzalez, Maria Isabel; Higginbottom, Michael;
Pinnock, Robert Denham; Pritchard, Martyn Clive;
Stock, Herman Thijs

PATENT ASSIGNEE(S): Warner-Lambert Company, USA

SOURCE: PCT Int. Appl., 151 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 10

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002040022	A1	20020523	WO 2000-GB4380	20001117
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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EP 1333829	A1	20030813	EP 2000-976165	20001117
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BR 2000017374	A	20030930	BR 2000-17374	20001117
WO 2002040008	A2	20020523	WO 2001-GB5018	20011114
WO 2002040008	A3	20020822		
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AU 2002023802	A5	20020527	AU 2002-23802	20011114
EP 1333824	A2	20030813	EP 2001-994552	20011114
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BR 2001015364	A	20030923	BR 2001-15364	20011114
PRIORITY APPLN. INFO.:				
			WO 2000-GB4380	A 20001117
			GB 2001-9910	A 20010423
			GB 2001-11037	A 20010504
			WO 2001-GB5018	W 20011114
AB	Bombesin receptor antagonists have been found to be useful in the treatment of sexual dysfunction in both males and females. Prepn. of compds. of the invention is included.			
IT	204067-01-6			
	RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)			
	(bombesin antagonists for treatment of sexual dysfunction)			
REFERENCE COUNT:	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		
L38	ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN			
ACCESSION NUMBER:	2002:368981 HCAPLUS			
DOCUMENT NUMBER:	136:380137			
TITLE:	Bombesin receptor antagonists, and preparation thereof, for the treatment of sexual dysfunction			
INVENTOR(S):	Gonzalez, Maria Isabel; Pinnock, Robert Denham; Pritchard, Martyn Clive			
PATENT ASSIGNEE(S):	UK			
SOURCE:	U.S. Pat. Appl. Publ., 72 pp., Cont.-in-part of U. S. Ser. No. 700,165.			
	CODEN: USXXCO			

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 10
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002058606	A1	20020516	US 2001-759777	20010112
US 2002169101	A1	20021114	US 2001-999284	20011115
PRIORITY APPLN. INFO.:			US 1999-133355P	P 19990510
			WO 2000-GB1787	W 20000510
			US 2000-700165	A2 20001109
			US 2001-759777	A2 20010112
			GB 2001-9910	A 20010423
			GB 2001-11037	A 20010504

AB Bombesin receptor antagonists have been found to be useful in the treatment of **sexual dysfunction** in both males and females.

IT **204067-01-6**
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (bombesin receptor antagonists, prepn., and use for **sexual dysfunction** treatment, alone or with other agents)

L38 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2000:441789 HCAPLUS
 DOCUMENT NUMBER: 133:74325
 TITLE: Preparation of non-peptide NK1 receptor antagonists
 INVENTOR(S): Creswell, Mark Wallace; Higginbottom, Michael; Horwell, David Christopher; Lewthwaite, Russell Andrew; Pritchard, Martyn Clive; Raphy, Jennifer
 PATENT ASSIGNEE(S): Warner-Lambert Company, USA
 SOURCE: PCT Int. Appl., 131 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000037462	A1	20000629	WO 1999-US29592	19991214
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RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1140914	A1	20011010	EP 1999-966204	19991214
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002533338	T2	20021008	JP 2000-589533	19991214
US 6472418	B1	20021029	US 2001-868449	20010618
US 2003065007	A1	20030403	US 2002-267477	20021009
PRIORITY APPLN. INFO.:			US 1998-112725P	P 19981218
			WO 1999-US29592	W 19991214
			US 2001-868449	A3 20010618

OTHER SOURCE(S): MARPAT 133:74325

AB Non-peptide acetamide derivs. R(CR1R2)m-X-CR3[(CH2)nR4]CONR9(CR5R7)qR6 [R = (un)substituted heterocyclyl, alkyl, hydroxy, alkoxy, halo, trifluoromethyl, carboxy, sulfonamido, nitro, 3,4-(H2NSO2)ClC6H3CH2, m-CF3SC6H4CH2, 3-(2-furyl)allyl, etc.; R1, R2, R3, R9 = H, alkyl; R4 =

(un)substituted naphthyl or indolyl; R5, R7 = H, (CH2)^pR10, where p = 1-3 and R10 = H, Me, CN, OH, OMe, CO2Me, NH2, NHMe, NMe2; R6 = (un)substituted Ph, naphthyl, heterocyclyl, alkyl, cycloalkyl, heterocycloalkyl, etc. or R5 and R6 form a bond; m = 0-3; n = 1, 2; q = 0-4; all stereoisomers possible] or their pharmaceutically acceptable salts were prepd. as specific NK1 antagonists. Thus, [R-(R*,S*)]-2-[(benzofuran-2-ylmethyl)amino]-3-(1H-indol-3-yl)-2-methyl-N-(1-phenylethyl)propionamide, prepd. by reductive condensation of 2-amino-3-(1H-indol-3-yl)-2-methyl-N-(1-phenylethyl)propionamide with 2-benzofurancarboxaldehyde using sodium triacetoxyborohydride, showed IC50 = 4.4 nM for in vitro human NK1 receptor binding.

IT 279222-39-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of non-peptide NK1 receptor antagonists)

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> SELECT HIT RN L38 1-3
E1 THROUGH E2 ASSIGNED

=> FIL REG
FILE 'REGISTRY' ENTERED AT 15:19:20 ON 18 FEB 2004
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STRUCTURE FILE UPDATES: 17 FEB 2004 HIGHEST RN 651291-85-9
DICTIONARY FILE UPDATES: 17 FEB 2004 HIGHEST RN 651291-85-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

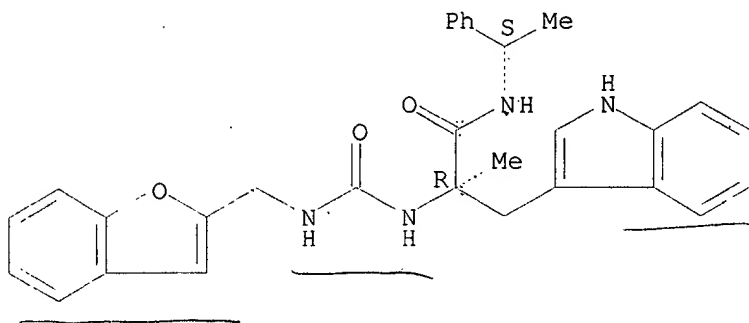
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1 279222-39-8/BI
(279222-39-8/RN)
L39 2 (204067-01-6/BI OR 279222-39-8/BI)

=> D IDE CAN L39 1-2

L39 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN 279222-39-8 REGISTRY
CN 1H-Indole-3-propanamide, .alpha.-[[[(2-benzofuranylmethyl)amino]carbonyl]amino]-.alpha.-methyl-N-[(1S)-1-phenylethyl]-, (.alpha.R)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C30 H30 N4 O3

SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:74325

L39 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN

RN **204067-01-6** REGISTRY

CN 1H-Indole-3-propanamide, N-[[1-(5-methoxy-2-pyridinyl)cyclohexyl]methyl]-
 .alpha.-methyl-.alpha.-[[[(4-nitrophenyl)amino]carbonyl]amino]-,
 (.alpha.S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Indole-3-propanamide, N-[[1-(5-methoxy-2-pyridinyl)cyclohexyl]methyl]-
 .alpha.-methyl-.alpha.-[[[(4-nitrophenyl)amino]carbonyl]amino]-, (S)-

OTHER NAMES:

CN PD 176252

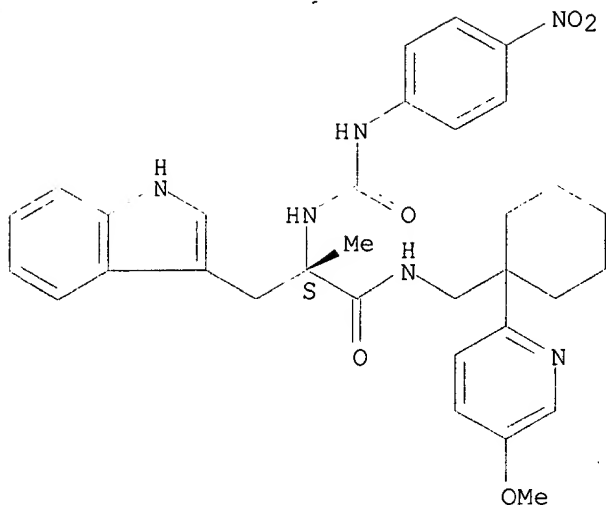
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SR CA

LC STN Files: BIOSIS, CA, CAPLUS, SYNTHLINE, TOXCENTER, USPATFULL

Absolute stereochemistry.



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9 REFERENCES IN FILE CA (1907 TO DATE)
9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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REFERENCE 2: 137:370356
REFERENCE 3: 137:41784
REFERENCE 4: 136:395983
REFERENCE 5: 136:380143
REFERENCE 6: 136:380137
REFERENCE 7: 134:172770
REFERENCE 8: 130:20201
REFERENCE 9: 128:205147

=> D STAT QUE L33

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=> D IDE CAN UREIDO

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=> D IDE CAN L33

L33 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 16518-43-7 REGISTRY
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OTHER CA INDEX NAMES:

CN Ureido (8CI)

OTHER NAMES:

CN Carbamoylamidogen

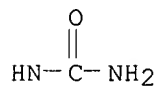
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CI COM

LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAPLUS, CIN,
PIRA, PROMT, TOXCENTER

(*File contains numerically searchable property data)



7 REFERENCES IN FILE CA (1907 TO DATE)

7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:169083

REFERENCE 2: 131:157549

REFERENCE 3: 127:206517

REFERENCE 4: 121:241460

REFERENCE 5: 80:89482

REFERENCE 6: 72:116747

REFERENCE 7: 67:16521

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FILE COVERS 1907 - 18 Feb 2004 VOL 140 ISS 8

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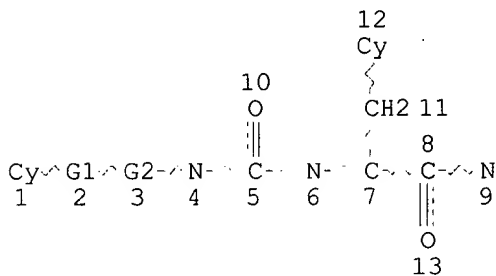
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DEFAULT ECLEVEL IS LIMITED

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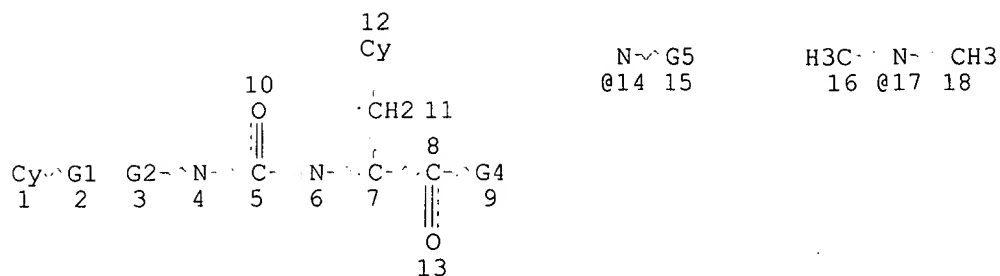
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NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

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 VAR G4=NH/14
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 DEFAULT ECLEVEL IS LIMITED

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 NUMBER OF NODES IS 29

STEREO ATTRIBUTES: NONE

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 ?VAGIN? OR ?DYSPAR?)
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 L40 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L26 NOT (L11 OR L38)

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L40 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2002:391709 HCAPLUS
 DOCUMENT NUMBER: 136:386398
 TITLE: Preparation of bombesin receptor antagonists
 INVENTOR(S): Higginbottom, Michael; Pritchard, Martyn Clive; Stock,
 Herman Thijs
 PATENT ASSIGNEE(S): Warner-Lambert Company, USA
 SOURCE: PCT Int. Appl., 81 pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002040475	A1	20020523	WO 2001-EP14402	20011116
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RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
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AU 2002017095	A5	20020527	AU 2002-17095	20011116
EP 1334102	A1	20030813	EP 2001-996539	20011116
R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR	
PRIORITY APPLN. INFO.:			GB 2000-28146 A 20001117	
			WO 2001-EP14402 W 20011116	

OTHER SOURCE(S): MARPAT 136:386398

AB Bombesin receptor antagonists (Ar)r-(CH₂)_j-(X)q-(CH₂)_kNR3CR5(CH₂Ar₁)CONR4(CH₂)_l(CR₁R₆)m(CH₂)_nR₂ [j, n = 0-2; k, m, q, r = 0 or 1; l = 0-3 (when r = 0, Ar is replaced by H); Ar = (un)substituted Ph, pyridyl, pyrimidyl, thienyl, furyl, imidazolyl, pyrrolyl or thiazolyl; Ar₁ = any group for Ar or **indolyl** or pyridyl N-oxide; R₁ = H, alkyl, (oxa, aza)cycloalkyl; R₆ = H, Me or together with R₆ forms a carbonyl group or a ring which can contain an oxygen or nitrogen atom; R₃-R₅ = H, alkyl; R₂ = H, OH, alkoxy, NMe₂, carbamoyl or certain ring structures; X is a divalent radical derived from isoxazole, pyridine, pyridazine, pyrimidine, etc.] or their pharmaceutically acceptable salts were prep'd. The compds. of the invention have an affinity for the BB₁ receptor and some of them also have affinity for the BB₂ receptor. Accordingly they may be useful for the diagnosis, prevention, or treatment of male and female sexual dysfunction. Thus, (S)-3-(1H-**indol**-3-yl)-N-[(1-(5-methoxypyridin-2-yl)**cyclohexylmethyl**]-2-methyl-2-[4-(4-**nitrophenyl**)oxazol-2-ylamino]**propionamide** (1) was prep'd. via amidation reaction and showed K_i = 4 or 24 nM in the BB₁ and BB₂ binding assay, resp. Compd. 1 was also assayed for female rat sexual proceptivity.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> SELECT HIT RN L40 1
 NO E#s ASSIGNED

=> SELECT RN L40 1
 E3 THROUGH E60 ASSIGNED

=> FIL REG
 FILE 'REGISTRY' ENTERED AT 15:22:36 ON 18 FEB 2004
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 FEB 2004 HIGHEST RN 651291-85-9
DICTIONARY FILE UPDATES: 17 FEB 2004 HIGHEST RN 651291-85-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> D HIS L41-

(FILE 'HCAPLUS' ENTERED AT 15:22:02 ON 18 FEB 2004)
SELECT RN L40 1

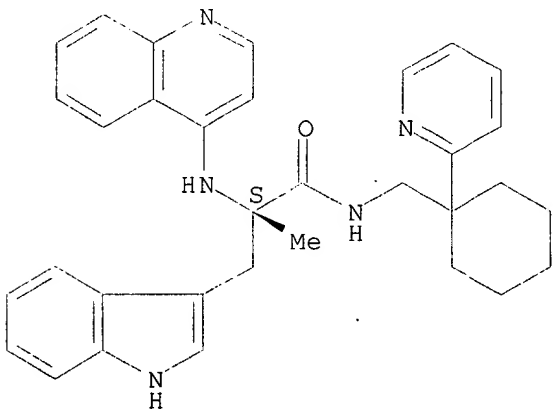
FILE 'REGISTRY' ENTERED AT 15:22:36 ON 18 FEB 2004

L41 58 S E3-E60
L42 19 S L41 AND INDOL?

=> D IDE CAN L42 1-19

L42 ANSWER 1 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 426267-06-3 REGISTRY
CN 1H-Indole-3-propanamide, .alpha.-methyl-N-[[1-(2-
pyridinyl)cyclohexyl)methyl]-.alpha.-(4-quinolinylamino)-, (.alpha.S)-
(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H35 N5 O
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

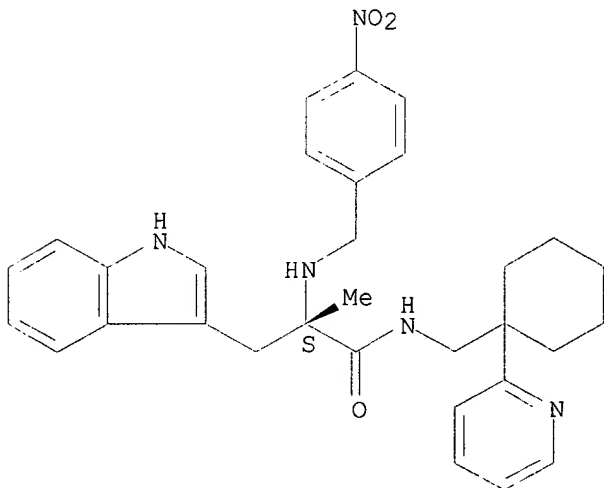
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:386398

L42 ANSWER 2 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 425639-33-4 REGISTRY
CN 1H-Indole-3-propanamide, .alpha.-methyl-.alpha.-[[(4-nitrophenyl)methyl]amino]-N-[[1-(2-pyridinyl)cyclohexyl)methyl]-, (.alpha.S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H35 N5 O3
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

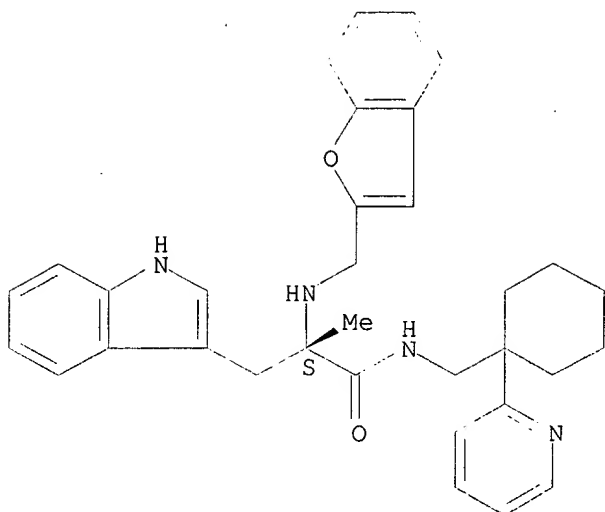
REFERENCE 3: 136:386398

REFERENCE 4: 136:380143

REFERENCE 5: 136:380137

L42 ANSWER 3 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 425639-31-2 REGISTRY
CN 1H-Indole-3-propanamide, .alpha.-[(2-benzofuranylmethyl)amino]-.alpha.-methyl-N-[[1-(2-pyridinyl)cyclohexyl)methyl]-, (.alpha.S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H36 N4 O2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

REFERENCE 3: 136:386398

REFERENCE 4: 136:380143

REFERENCE 5: 136:380137

L42 ANSWER 4 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

RN 425639-28-7 REGISTRY

CN 1H-Indole-3-propanamide, .alpha.-methyl-.alpha.-[(2-phenylethyl)amino]-N-[[1-(2-pyridinyl)cyclohexyl]methyl]-, (.alpha.S)- (9CI) (CA INDEX NAME)

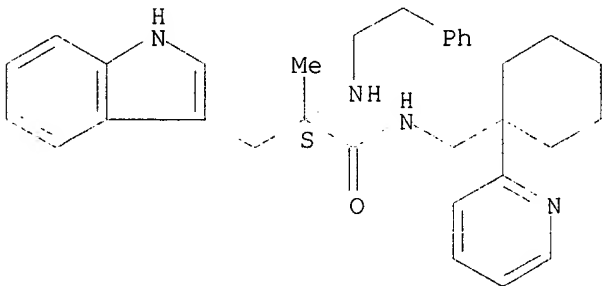
FS STEREOSEARCH

MF C32 H38 N4 O

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

REFERENCE 3: 136:386398

REFERENCE 4: 136:380143

REFERENCE 5: 136:380137

L42 ANSWER 5 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

RN 425639-22-1 REGISTRY

CN 1H-Indole-3-propanamide, .alpha.-methyl-.alpha.-[(6-phenyl-2-pyridinyl)amino]-N-[[1-(2-pyridinyl)cyclohexyl)methyl]-, (.alpha.S)-(9CI) (CA INDEX NAME)

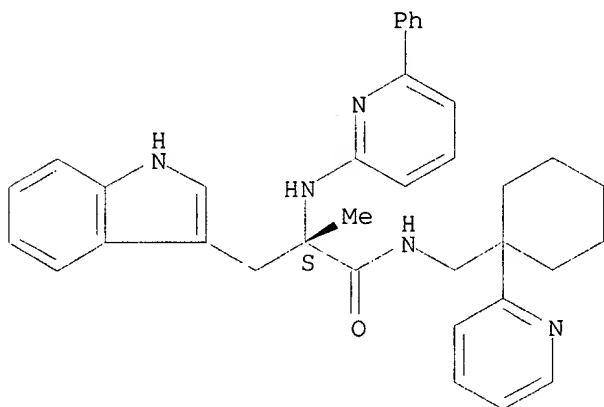
FS STEREOSEARCH

MF C35 H37 N5 O

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

REFERENCE 3: 136:386398

REFERENCE 4: 136:380143

REFERENCE 5: 136:380137

L42 ANSWER 6 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

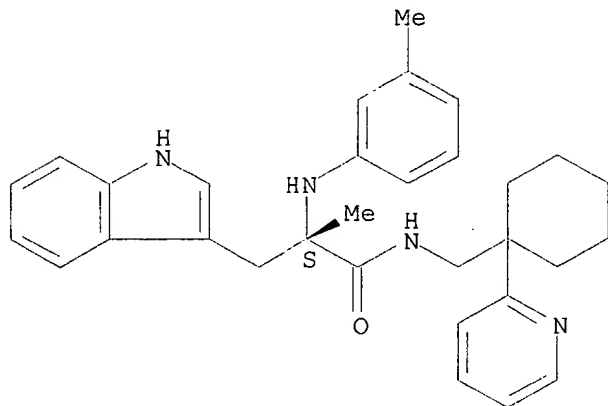
RN 425639-19-6 REGISTRY

CN 1H-Indole-3-propanamide, .alpha.-methyl-.alpha.-[(3-methylphenyl)amino]-N-[[1-(2-pyridinyl)cyclohexyl)methyl]-, (.alpha.S)-

(9CI) (CA INDEX NAME)

FS STEREOSEARCH
 MF C31 H36 N4 O
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



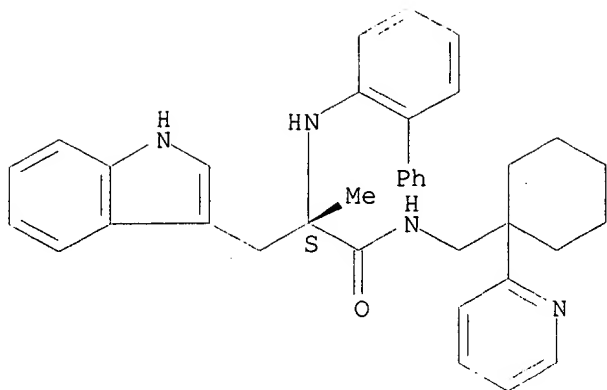
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
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REFERENCE 1: 137:370356
 REFERENCE 2: 136:395983
 REFERENCE 3: 136:386398
 REFERENCE 4: 136:380143
 REFERENCE 5: 136:380137

L42 ANSWER 7 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 425639-16-3 REGISTRY
 CN 1H-Indole-3-propanamide, .alpha.-([1,1'-biphenyl]-2-ylamino)-.alpha.-methyl-N-[[1-(2-pyridinyl)cyclohexyl)methyl]-, (.alpha.S)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C36 H38 N4 O
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

REFERENCE 3: 136:386398

REFERENCE 4: 136:380143

REFERENCE 5: 136:380137

L42 ANSWER 8 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

RN 425639-13-0 REGISTRY

CN 1H-Indole-3-propanamide, .alpha.-methyl-N-[[1-(2-pyridinyl)cyclohexyl]methyl]-.alpha.-(5-pyrimidinylamino)-, (.alpha.S)- (9CI) (CA INDEX NAME)

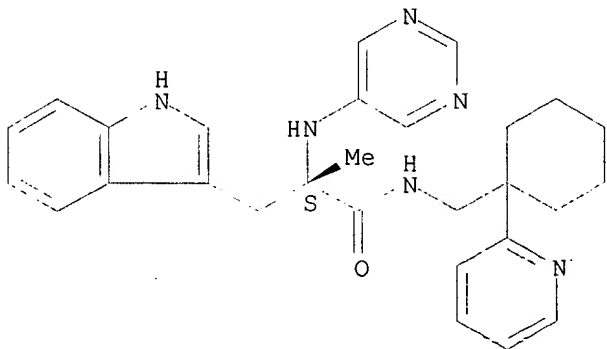
FS STEREOSEARCH

MF C28 H32 N6 O

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



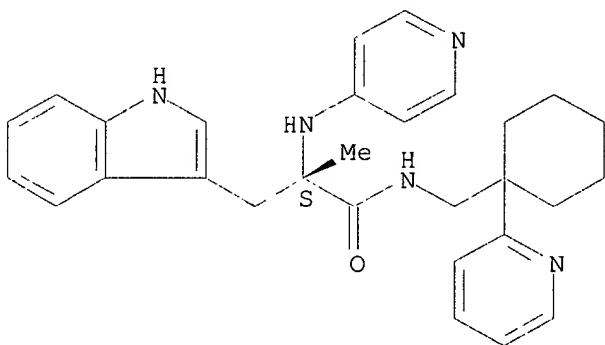
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REFERENCE 2: 136:395983
REFERENCE 3: 136:386398
REFERENCE 4: 136:380143
REFERENCE 5: 136:380137

L42 ANSWER 9 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 425639-07-2 REGISTRY
CN 1H-Indole-3-propanamide, .alpha.-methyl-.alpha.-(4-pyridinylamino)-N-
[[1-(2-pyridinyl)cyclohexyl]methyl]-, (.alpha.S)- (9CI) (CA INDEX
NAME)
FS STEREOSEARCH
MF C29 H33 N5 O
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

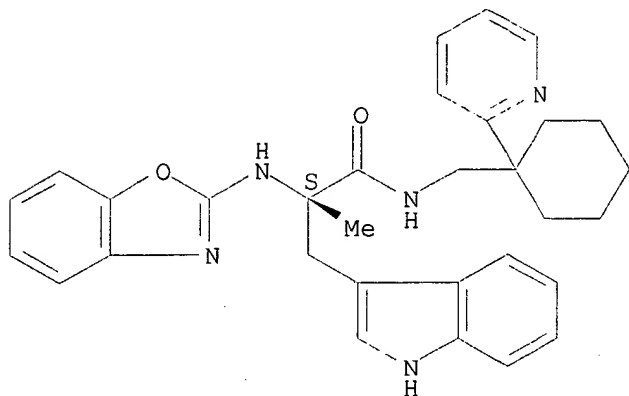
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5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356
REFERENCE 2: 136:395983
REFERENCE 3: 136:386398
REFERENCE 4: 136:380143
REFERENCE 5: 136:380137

L42 ANSWER 10 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 425639-04-9 REGISTRY
CN 1H-Indole-3-propanamide, .alpha.-(2-benzoxazolylamino)-.alpha.-methyl-
N-[[1-(2-pyridinyl)cyclohexyl]methyl]-, (.alpha.S)- (9CI) (CA INDEX
NAME)
FS STEREOSEARCH
MF C31 H33 N5 O2
SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

REFERENCE 3: 136:386398

REFERENCE 4: 136:380143

REFERENCE 5: 136:380137

L42 ANSWER 11 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

RN 425639-02-7 REGISTRY

CN 1H-Indole-3-propanamide, N-[[1-(5-methoxy-2-pyridinyl)cyclohexyl]methyl]-.alpha.-methyl-.alpha.-[[4-(4-nitrophenyl)-2-thiazolyl]amino]-, (.alpha.S)- (9CI) (CA INDEX NAME)

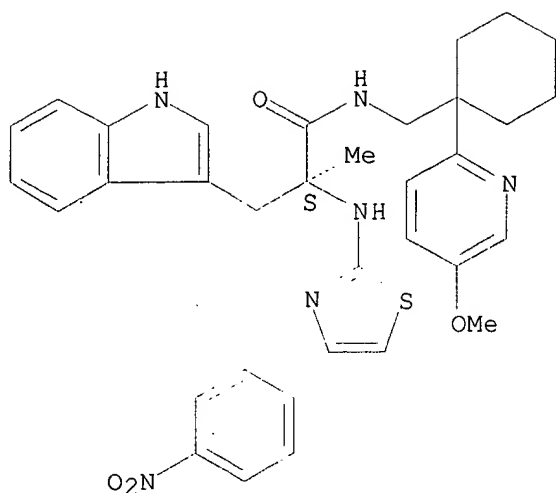
FS STEREOSEARCH

MF C34 H36 N6 O4 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)

5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

REFERENCE 3: 136:386398

REFERENCE 4: 136:380143

REFERENCE 5: 136:380137

L42 ANSWER 12 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

RN 425639-00-5 REGISTRY

CN 1H-Indole-3-propanamide, .alpha.-[(4-ethyl-2-oxazolyl)amino]-N-[[1-(5-methoxy-2-pyridinyl)cyclohexyl]methyl]-.alpha.-methyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

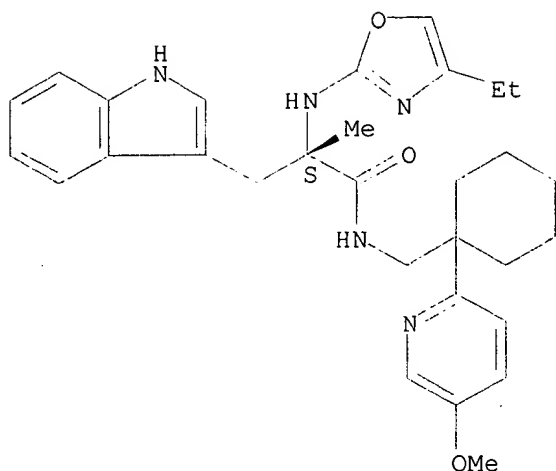
FS STEREOSEARCH

MF C30 H37 N5 O3

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

REFERENCE 3: 136:386398

REFERENCE 4: 136:380143

REFERENCE 5: 136:380137

L42 ANSWER 13 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

RN 425638-98-8 REGISTRY

CN 1H-Indole-3-propanamide, N-[[1-(5-methoxy-2-pyridinyl)cyclohexyl]methyl]-.alpha.-methyl-.alpha.-[(4-phenyl-2-oxazolyl)amino]-, (.alpha.S)- (9CI) (CA INDEX NAME)

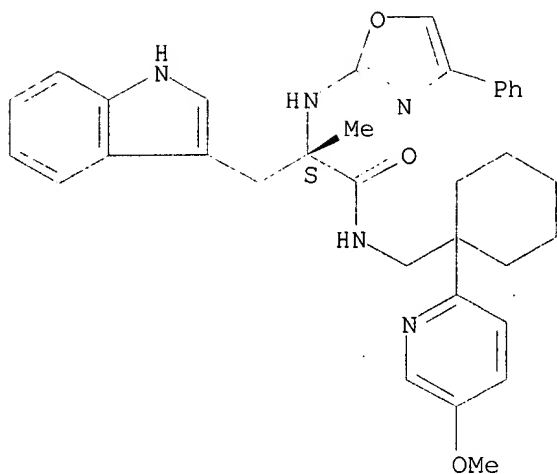
FS STEREOSEARCH

MF C34 H37 N5 O3

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

REFERENCE 3: 136:386398

REFERENCE 4: 136:380143

REFERENCE 5: 136:380137

L42 ANSWER 14 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

RN 425638-96-6 REGISTRY

CN 1H-Indole-3-propanamide, .alpha.-[[4-(4-cyanophenyl)-2-oxazolyl]amino]-N-[[1-(5-methoxy-2-pyridinyl)cyclohexyl]methyl]-.alpha.-methyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

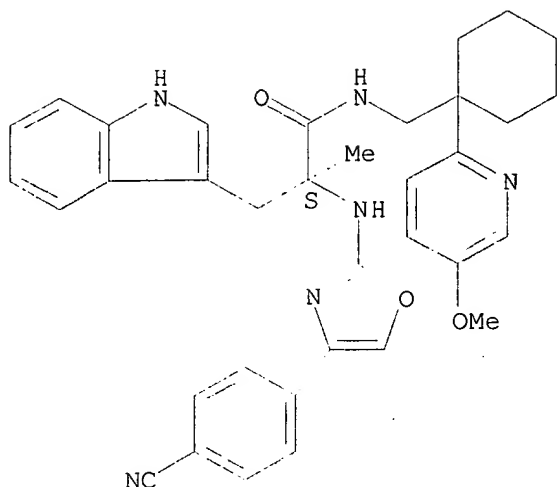
FS STEREOSEARCH

MF C35 H36 N6 O3

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

REFERENCE 3: 136:386398

REFERENCE 4: 136:380143

REFERENCE 5: 136:380137

L42 ANSWER 15 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

RN 425638-92-2 REGISTRY

CN 1H-Indole-3-propanamide, .alpha.-methyl-.alpha.-[[4-(4-nitrophenyl)-2-oxazolyl]amino]-N-(2-oxo-2-phenylethyl)-, (.alpha.S)- (9CI) (CA INDEX NAME)

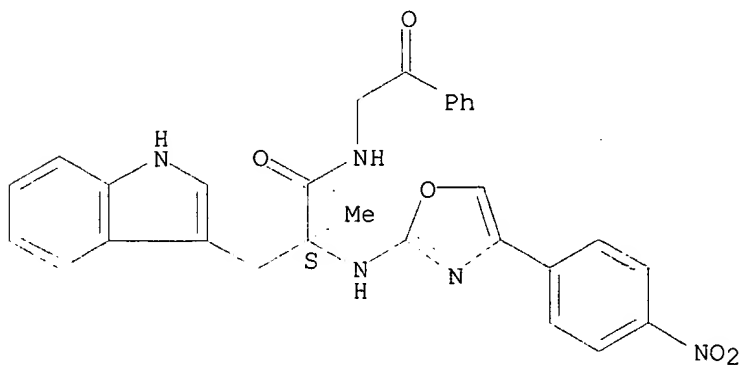
FS STEREOSEARCH

MF C29 H25 N5 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

REFERENCE 3: 136:386398

REFERENCE 4: 136:380143

REFERENCE 5: 136:380137

L42 ANSWER 16 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

RN 425638-90-0 REGISTRY

CN 1H-Indole-3-propanamide, N-[[1-(methoxymethyl)cyclohexylmethyl]-
.alpha.-methyl-.alpha.-[[4-(4-nitrophenyl)-2-oxazolyl]amino]-, (.alpha.S)-
(9CI) (CA INDEX NAME)

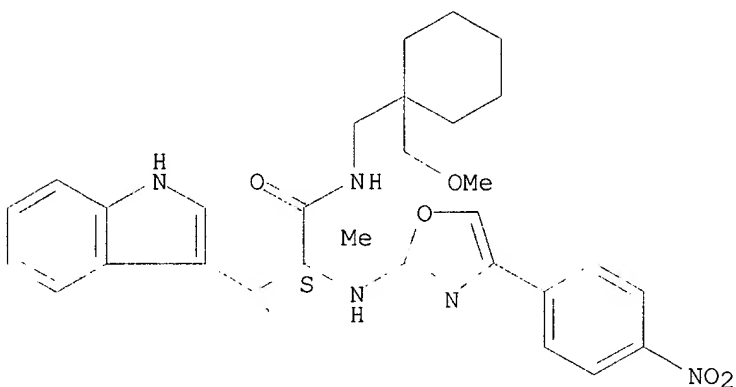
FS STEREOSEARCH

MF C30 H35 N5 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:395983

REFERENCE 3: 136:386398

REFERENCE 4: 136:380143

REFERENCE 5: 136:380137

L42 ANSWER 17 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

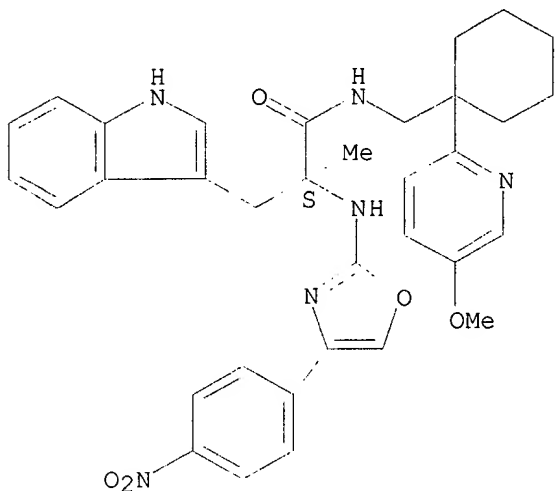
RN 425638-88-6 REGISTRY

CN 1H-Indole-3-propanamide, N-[[1-(5-methoxy-2-

pyridinyl)cyclohexyl)methyl]-.alpha.-methyl-.alpha.-[[4-(4-nitrophenyl)-2-oxazolyl]amino]-, (.alpha.S)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH
MF C34 H36 N6 O5
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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REFERENCE 2: 136:395983
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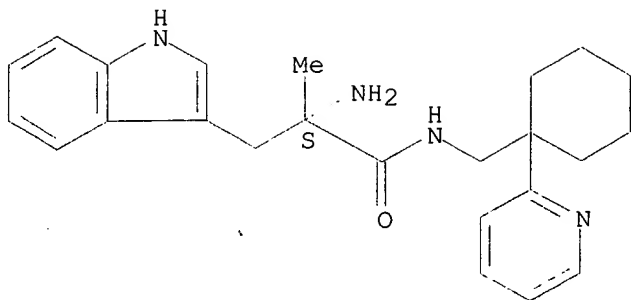
L42 ANSWER 18 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 204067-17-4 REGISTRY
CN 1H-Indole-3-propanamide, .alpha.-amino-.alpha.-methyl-N-[[1-(2-pyridinyl)cyclohexyl)methyl]-, (.alpha.S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Indole-3-propanamide, .alpha.-amino-.alpha.-methyl-N-[[1-(2-pyridinyl)cyclohexyl)methyl]-, (S)-

FS STEREOSEARCH
MF C24 H30 N4 O
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:370356

REFERENCE 2: 136:402022

REFERENCE 3: 136:395983

REFERENCE 4: 136:386398

REFERENCE 5: 136:380143

REFERENCE 6: 136:380137

REFERENCE 7: 128:205147

L42 ANSWER 19 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

RN 204067-16-3 REGISTRY

CN Carbamic acid, [(1S)-1-(1H-indol-3-ylmethyl)-1-methyl-2-oxo-2-[[[1-(2-pyridinyl)cyclohexyl]methyl]amino]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Carbamic acid, [1-(1H-indol-3-ylmethyl)-1-methyl-2-oxo-2-[[[1-(2-pyridinyl)cyclohexyl]methyl]amino]ethyl]-, 1,1-dimethylethyl ester, (S)-

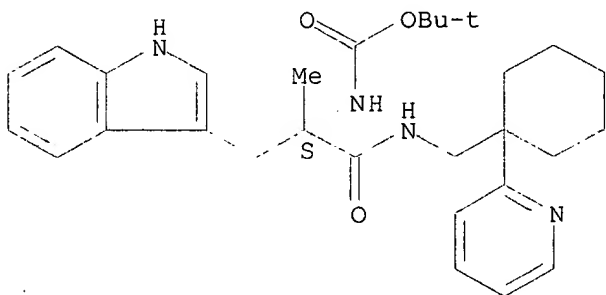
FS STEREOSEARCH

MF C29 H38 N4 O3

SR CA

LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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REFERENCE	2:	136:402022
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REFERENCE	4:	136:386398
REFERENCE	5:	136:380143
REFERENCE	6:	136:380137
REFERENCE	7:	128:205147

Sheppard, Paula

From: Moore, Peter
Sent: Wednesday, February 18, 2004 3:06 PM
To: ABSS Notification
Cc: 'dannie@cgen.com'; 'uspto-prj@cgen.com'
Subject: ABSS System Update (02/18/03)

The ABSS System Update:

Note: The databases on **ABSS01** will be updated once its job queues are cleared, **please hold all new requests to ABSS01** (#105136)

Reminder(s):

- (1) Database updates has completed on ABSS03h&p and ABSS06h&p.
- (2) When reporting an ABSS "**Server**" outage*, request that the Helpdesk create a "Critical Problem Notification (CPN)" for that server. All servers, related problems should also be "cc" to PTO's email "System Software Division Unix" (SSSD).

Currently, the following Compugen's production servers are up and running without any problems (**ABSS03h, ABSS03p, ABSS04, ABSS05h, ABSS05p, ABSS06h and ABSS06p**). Please note additional instructions below:

❖ **RUSH Server(s):**

- **ABSS05h - Online**, for "**Rush**" requests only!!! (**Faster Server**)

❖ **Servers open to all (No Rushes):**

- **ABSS03h - Online**, can be loaded by everyone (**Faster Server**)
- **ABSS03p - Online**, can be loaded by everyone
- **ABSS04 - Online**, can be loaded by everyone (**Faster Server**)
- **ABSS05p - Online**, "**Protein**" requests **only!!!**
- **ABSS06h - Online**, can be loaded by everyone to include "approved large search requests" (**Faster Server**)
- **ABSS06p - Online**, can be loaded by everyone

❖ **Additional Information:**

- ABSS01: Online - **No new request** - 17Feb04 - (2 - BioXL/Hmm - Jobs in Queue "**119**", Hours: "**71:59**")
- ABSS03h: Online - **Processing** - 18Feb04 - (2 - BioXL/Hmm - Jobs in Queue "**13**", Hours: "**05:52**")
- ABSS03p: Online - **Processing** - 18Feb04 - (4 - BioXL/P - Jobs in Queue "**42**", Hours: "**18:05**")
- ABSS04: Online - **Processing** - 13Feb04 - (2 - BioXL/Hmm - Jobs in Queue "**74**", Hours: "**77:04**")
- ABSS05h: Online - **Processing** - 13Feb04 - (2 - BioXL/Hmm - Jobs in Queue "**96**", Hours: "**69:28**")
- ABSS05p: Online - **Processing** - 18Feb04 - (4 - BioXL/P - Jobs in Queue "**79**", Hours: "**03:05**")
- ABSS06h: Online - **Processing** - 17Feb04 - (3 - BioXL/Hmm - Jobs in Queue "**104**", Hours: "**66:06**")
- ABSS06p: Online - **Processing** - 18Feb04 - (4 - BioXL/P - Jobs in Queue "**31**", Hours:

"19:24")

*Processing dates above reflect the day loaded into the ABSS system not the Examiner's submission date.

❖ **Reserve for Testing (ABSS Testing team only):**

- **ABSS02** - Reserved - **Testing** - (2 - BioXL/Hmm - Jobs in Queue "0", Hours: "00:00")
- **Compugen1h** - Reserved - **Testing** - (1 - BioXL/Hmm - Jobs in Queue "0", Hours: "00:00")
- **Compugen1p** - Reserved - **Testing** - (2 - BioXL/P - Jobs in Queue "0", Hours: "00:00")

❖ **OFFLINE for Maintenance**

- **ABSS01**: Staging for Dbase updates - **No new requests** (#105136)

❖ **Problem Reporting:**

- Please continue to send email to the helpdesk, "CC" Walter and Peter for all servers, printers or workstations problems. This is a required procedure that must be followed to correctly login problem records.

For support when reporting a server, workstation or printer problem, please include the following.

1. Your name...
2. Automated Information System (AIS): **ABSS**
3. Name: (server, workstation or Printer name, i.e. ABSS06 or stic5 or QMS4)
4. Serial Number:
5. Location:
6. Description of problem:
7. **Request an EA ticket number**
8. Please **Call or E-Mail** the following:
 - If calling: 305-9000
 - If emailing: **TO: HELPDESK9000**"CC" Rossy-Stiehl, Walter; Moore, Peter

Addition Notes:

All ABSS Servers Location: CPK2, 11th floor - Main Computer Room, Suite 1100

Server Serial Numbers:

ABSS01.....818FD15D
ABSS02.....838F3699
ABSS03.....033H20FD
ABSS04.....106A0914
ABSS05.....901H24F2
ABSS06.....052H2C8D
Compugen1.....809FC101

Peter L. Moore III

System Software Division, CPK-2, Room C1009

Office: (703) 305-7795, Fax: (703)-308-4221

E-mail: peter.moore@uspto.gov <<mailto:peter.moore@uspto.gov>> <<<mailto:peter.moore@uspto.gov>>>

Sheppard, Paula

From: Moore, Peter
Sent: Wednesday, February 18, 2004 4:06 PM
To: Alnaji, Read (Trawick); Arnold, Deirdre; Basker, Linda; Delaval, Jan; Hale, Mary; Hart, Edward; Hobbs, Lisa; Jarrell, Noble; Jones, Maude; O'Bryen, Barbara; Perkins, Leonard; Port, Toby; Rossy-Stiehl, Walter (Trawick); Ruhl, Mary Jane; Ruppel, Peggy; Schimmelbusch, Brian; Schreiber, David; Schulwitz, Paul; Shah, Arti; Shears, Beverly; Sheppard, Paula; Wacławiw, Alexandra; Westfall, Gary
Cc: 'dannie@cgen.com'; 'uspto-prj@cgen.com'; Schimmelbusch, Brian; Hobbs, Lisa
Subject: ABSS System Update (02/18/03)-2

Good afternoon,

Because of the large volumes of requests on ABSS04, we will need to stop accepting all new requests on ABSS04 starting 5pm tomorrow afternoon - Thursday, February 19, 2004, thanks.

Peter L. Moore III

System Software Division, CPK-2, Room C1009

Office: (703) 305-7795, Fax: (703)-308-4221

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